Application No.: 10/523,075

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application:

## LISTING OF CLAIMS:

1. (Original) Compounds which can be represented by the below indicated general formula (I) and in which:

n is a whole number lying between 0 and 7;  $R_1$  is chosen independently from the groups:

$$X_1$$
 $X_2$  $X_2$  $X_1$  $X_2$ 

in which  $X_1$  is chosen independently from S, O,  $NR_2$  and  $X_2$  is a group chosen independently from: H,  $C_1$ - $C_4$  linear or branched alkile, F, Cl,  $CF_3$ ,  $OCH_3$ ,  $OC_2H_5$ , CN;  $R_2$  is chosen independently from H or  $CH_3$ ;

R<sub>3</sub> is chosen independently from H, CH<sub>3</sub>, F, Cl, CF<sub>3</sub>, OCH<sub>3</sub>,

REQUIREMENT Attorney Docket No.: Q85920

Application No.: 10/523,075

 $R_4$  is chosen independently from the groups: H, -S-(CH<sub>2</sub>)m-R<sub>5</sub>, -SO<sub>2</sub>- $(CH_2)m-R_5$  (n different from 0) in which m is a whole number lying between 0 and 2, a branched alkyl group formed by 3-6 carbon atoms, a cyclo alkyl formed by 3-10 carbon atoms, a cyclo alkanyl formed by 4-6 carbon atoms, the group 1 or 2 adamantile, a simple or mono- or bi-substituted phenyl group, in which the substituents can be chosen independently from halogens, a linear alkyl group formed by 1-3 carbon atoms, a branched alkyl group formed by 3-6 carbon atoms, an alkoxylic group formed by 1-3 carbon atoms,  $-NO_2$ ,  $-CF_3$ , -CN;  $R_5$  is chosen from the groups: H, a linear alkyl group formed by 1-3 carbon atoms, a branched alkyl group formed by 3-6 carbon atoms, a cyclo alkyl formed by 3 up to 10 carbon atoms, the group 1 or 2 -adamantile, a simple or mono- or bi-substituted phenyl group in which the substituents can be chosen independently from halogens, a linear alkyl group from 1 to 3 carbon atoms, a branched alkyl group formed by 3-6 carbon atoms, an alkoxylic group formed by 1-3 carbon atoms, -NO2, -CF3, -CN, and their pharmaceutically acceptable salts; the stereo chemical chiral centre, indicated with an asterisk (\*) in formula (I) can be R (Rectus), racemic [R (Rectus), S (Sinister)] or S (Sinister).

- 2. (Original) Compounds according to Claim 1 of general formula (I), simple or as salts, in which  $R_1$  is the group 2-indolyl simple or independently substituted in position 1 with the methyl group or in position 5 with the flouro group.
- 3. (previously presented): Compound according to Claim 1, in which  $R_2$  and  $R_3$  are  $\mbox{\rm H.}$

REQUIREMENT Attorney Docket No.: Q85920

Application No.: 10/523,075

4. (previously presented): Compound according to Claim 1, in which n is 1 or 2 and  $R_4$  is the simple phenyl group or phenyl group substituted with the methyl, flouro or methoxy groups.

- 5. (previously presented): Compound according to Claim 1, in which the stereochemistry of the chiral centre marked with an asterisk (\*) in (I) is R (Rectus) or RS (raceme).
- 6. (Original) Compounds according to Claim 1 of general formula (I), simple or as salts, in which  $R_1$  is the group 2-indolyl, either simple or independently substituted in position 1 with the methyl group or in position 5 with the flouro group,  $R_2$  and  $R_3$  are H, n is 1 or 2,  $R_4$  is the simple phenyl group or the phenyl group substituted with the methyl, flouro or methoxy groups and the stereochemistry of the chiral centre marked with an asterisk (\*) in (I) is R (Rectus), or RS (raceme).
- 7. (previously presented): Pharmaceutical preparation including as active substance at least one of the compounds according to any of Claim 1 or a pharmaceutical acceptable salt thereof.

## Claims 8-11: (canceled).

12. (Original) Process for the preparation of a derivative of the general formula (I) in which  $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  and n are as defined in Claim 1 and in which the substitutents on the chiral centre marked with an asterisk (\*) have the configuration R, S

REQUIREMENT Attorney Docket No.: Q85920

Application No.: 10/523,075

or (R,S) (raceme), which comprise the operations of: a) Reacting in stiochiometric ratio the hydrochloride of the ethyl ester of the amino acids of formula (V) in which n and  $R_4$ have the above indicated definition and have the chiral centre in the desired configuration, with the isatoic anhydride of formula (IV) suitably substituted with  $R_2$  and  $R_3$  in which  $R_2$  and  $R_3$  have the above indicated definition, in the presence of a tertiary amine such as, for example, triethylamine, in an inert solvent and at a temperature lying

$$\begin{array}{c|cccc}
R_4 & & & & & & & & \\
H & (CH_2)n & & & & & & & \\
H & O & & (V) & & & & & \\
H & O & & & & & \\
R_3 & & & & & & \\
\end{array}$$

between  $+10^{\circ}\text{C}$  and the boiling temperature of the solvent, to give the N-anthranoyl -amino acid ethyl esters of formula (III).

$$R_3$$
 $R_2$ 
 $R_4$ 
 $R_4$ 

b) Reacting the anthranilic derivatives of formula (III), in which n,  $R_2$ ,  $R_3$  and  $R_4$  have the above indicated definition, with an equivalent quantity of an acyl chloride of formula  $R_1$ -COCl, in which  $R_1$  has the above indicated definition, preferably in pyridine and at a temperature lying between  $0^{\circ}C$  and  $+30^{\circ}C$  and

REQUIREMENT Attorney Docket No.: Q85920

Application No.: 10/523,075

recovering from the reaction mixture the acyl derivatives of formula (II).

$$R_1$$
 $R_2$ 
 $R_4$ 
 $R_4$ 

c) Hydrolising the esters of formula (II), in which n,  $R_1$ ,  $R_2$ ,  $R_3$ , and  $R_4$  have the above indicated definition, in an inert solvent (such as tetrahydrofuran for example) with an aqueous solution of a strong inorganic base (such as lithium hydroxide) for a period of time lying between 4 and 48 hours. After evaporation of the solvent and acidification, recovering from the reaction mass the derivatives of the anthranylic acid of formula (I).

in which n  $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  have the above indicated definition and with the chiral centre in the desired configuration. The final compounds of formula (I) are isolated as such or as

REQUIREMENT Attorney Docket No.: Q85920

Application No.: 10/523,075

pharmaceutically acceptable salts and purified by conventional methods.